

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-012053**Date Inspected:** 22-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Yu Dong Ping, Liu Zhong An			CWI Present:	Yes	No
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No N/A
				Delayed / Cancelled:	Yes	No N/A

Bridge No: 34-0006**Component:** Tower**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance (QA) Inspector Umesh Gaikwad was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA observed and/or found the following:

This Quality Assurance (QA) Inspector observed the following work in progress:

Bay 11

EAST TOWER LIFT 4 A/E CORNER BACKFILL PLATE

SMAW welding of weld joint 47 located on ESTL4-2C/L.

Welder is identified as 049099. ZPMC CWI is identified as Mr. Peng Guo.

The welding variables recorded by QC appeared to comply with WPS-B-T-3212-B-U2a-2.

BAY 10

SOUTH TOWER LIFT 4 A/E CORNER SEAM REPAIR (T-CWR512)

SMAW welding of weld joint 3A/B(Repair) located on SSTL4-1B/L.

Welder is identified as 052493. ZPMC CWI is identified as Mr. Liu Zhong An.

The welding variables recorded by QC appeared to comply with WPS-345-SMAW-2G(2F)-REPAIR.

WELDING INSPECTION REPORT

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SOUTH TOWER LIFT 4 A/E CORNER BACKFILL PLATE

SMAW welding of weld joint 97 located on SSTL4-1K/L.

Welder is identified as 050289. ZPMC QC is identified as Mr. Jiang Xiao Bo.

The welding variables recorded by QC appeared to comply with WPS-B-T-3213-B-U2a-1.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Only general conversation was held between QA and QC concerning this project.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Skyler Guest : 15000422360, who represents the Office of Structural Materials for your project.

Inspected By:	Gaikwad,Umesh	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
